Section: 8 Alarm Conditions

This section identifies the possible alarms conditions that may occur while operating your Encore sterilizer. Alarms are classified as being Aborting Alarms or Non- Aborting Alarms. If an alarm condition occurs, the operator will be notified and the unit will automatically print out a report showing the time of the alarm condition and the code associated with the alarm. The alarm code will be designate in the far left hand column of the printout and will range from 01-31. Please see the table below for further description of the alarms.

Code	Alarm Description	Aborting	Possible Cause
01	Chamber pressure exceeds 2 psig	No	CV-3 failure, S2 failure, CP (Pressure Transducer) failure
02	Chamber pressure below 2 in Hg	No	F-1 clogged, CV-1 Failure, S1 failure, CP (Pressure Transducer) failure
03	Too long in charge jacket	No	No steam available, HV-1 turned off, ST-1 clogged, S12 failure, ST-3 clogged, TR-2 failure, RTD-2 failure
04	Jacket overtemp	No	S12 failure, RTD-2 failure
05			
06	Jacket undertemp during exposure	Yes	HV-1 turned off, ST-1 clogged, S12 failure, ST-3 clogged, TR-2 failure, RTD-2 failure, jacket is flooded with water
07	Power failure	Yes	Unit was turned off during cycle, SW-1 failure, Blown inline fuse in power supply box
08	Too long in vacuum	Yes	Clogged Chamber Drain Screen, No water available, HV-2 turned off, ST-2 clogged, loose piping connections, S4 failure, CV-7 failure, (Med. Only) EJ-1 failure, HE-1 failure
09	Too long in condition	Yes	Clogged Chamber Drain Screen, No water available, No steam available, HV-1 or HV-2 Turned off, S3 failure
10	Too long in heat-up	Yes	Clogged Chamber Drain Screen, No steam available, Clogged FCV-2, S12 failure, S2 failure, TR-1 failure, S3 failure
11	Too long to reach set point	Yes	Clogged Chamber Drain Screen, No steam available, Clogged FCV-2, S12 failure, S2 failure, TR-1 failure, S3 failure
12	Chamber undertemp	No	Clogged Chamber Drain Screen, No steam available, Clogged FCV-2, S12 failure, S2 failure, TR-1 failure, S3 failure
13	OE door open during cycle	Yes	Door not Fully Closed, LS-1 failure
14			
15	Chamber overtemp	Yes	S12 failure, RTD-1 failure
16	Too long in fast exhaust	No	Clogged Chamber Drain Screen, S3 failure, S2 failure
17			
18	Slow exhaust too slow	No	Clogged Chamber Drain Screen, CV-3 failure, S13 failure, Clogged FCV-2
19	Too much vacuum in chamber	Yes	F-1 clogged, CV-1 failure, S1 failure, CP (Pressure Transducer) failure
20	Too long in equalization	No	F-1 clogged, CV-1 failure, S1 failure, CP (Pressure Transducer) failure

21			
22	Slow exhaust too fast	No	S13 failure, S3 failure
23	Manual abort	Yes	Cycle was aborted by the operator
24	Too long in temp make-up	Yes	Unit could not make set point after 6 attempts, Clogged Chamber Drain Screen, No steam available, Clogged FCV-2, S12 failure, S2 failure, TR-1 failure, S3 failure
25	Pressure reading failure	No	Clogged piping, CP (Pressure Transducer) failure
26	Chamber flooded	Yes	CS-1 Failure. Very wet steam, Cold chamber at cycle start.
27	Low Steam Pressure	No	Steam supply valve shut off. Steam generator malfunction.
28	Low Air Pressure	No	Air supply valve shut off. Air compressor malfunction.
29	Low Water Pressure	No	Water Supply shut off. S16 malfunction.
30	High Jacket Pressure	Yes	S9 malfunction. RTD-2 faulty. Control locked in alarm. Reset all alarms in service mode.
31	High Chamber Pressure	Yes	S2 or S14 malfunction. RTD-1 malfunction